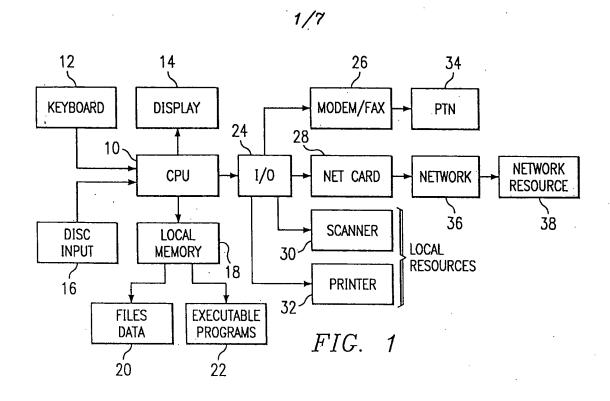
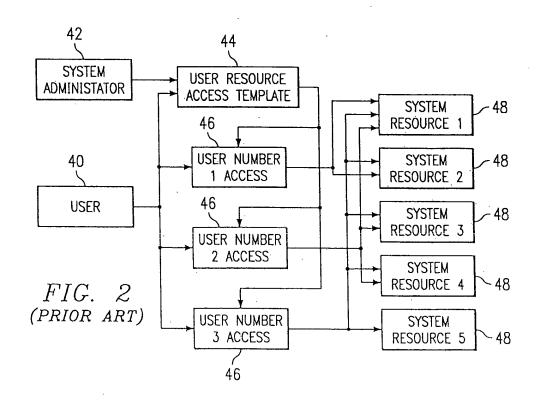
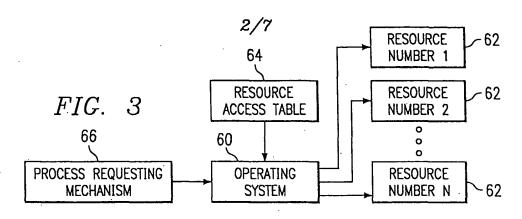
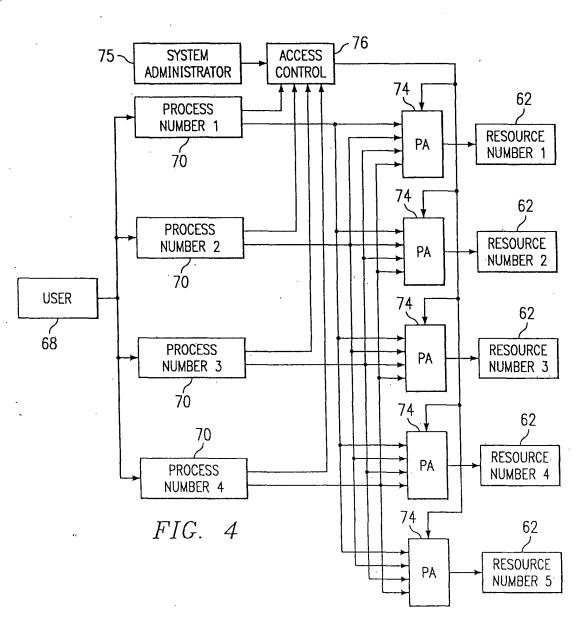
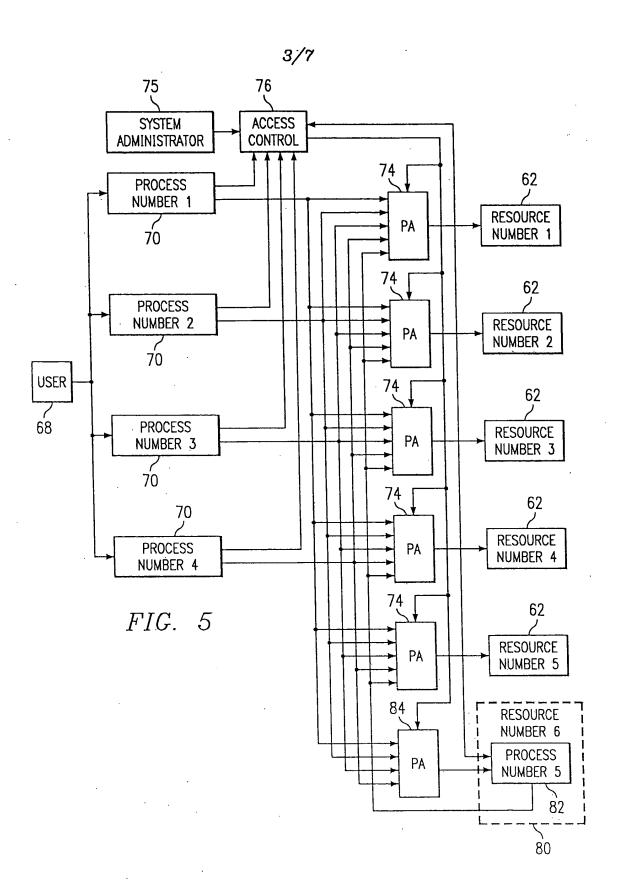
DKT. NO.: SAGB-25,553
TITLE: MERIFIOD AND APPARATUS FOR IMPLEMENTING PROCESS-BASED SECURITY IN A COMPUTER SYSTEM
INVENTORS: Vincent Alan Larsen



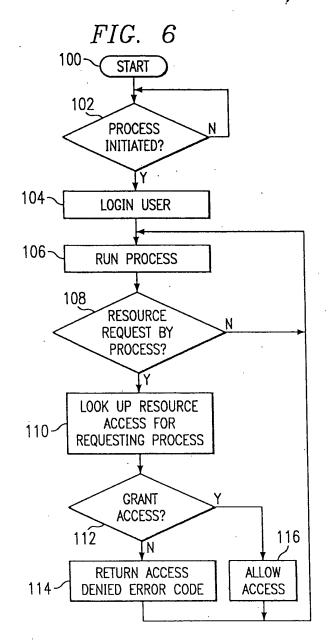


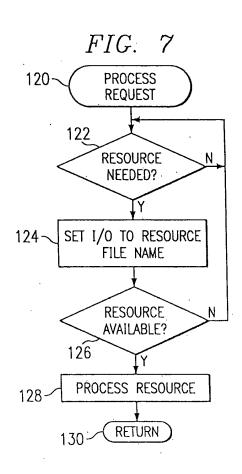




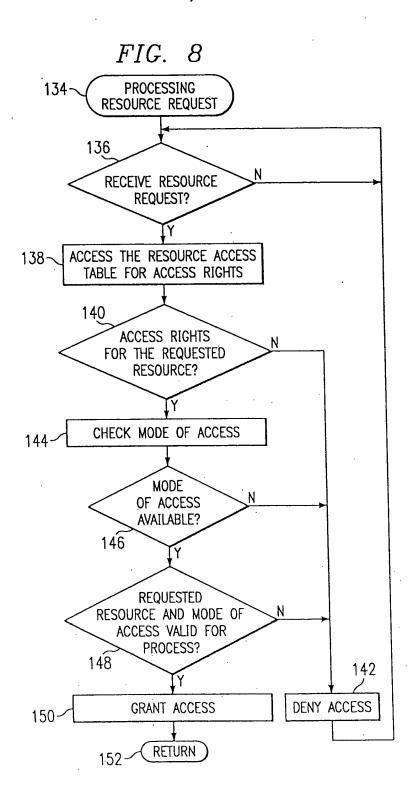


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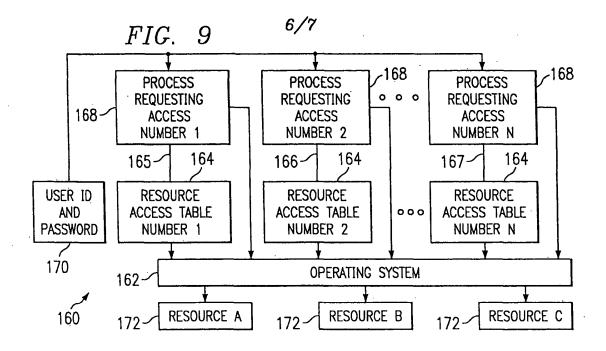


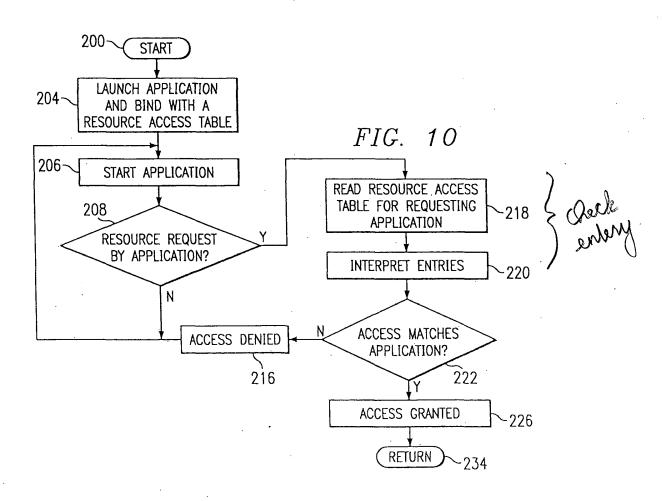


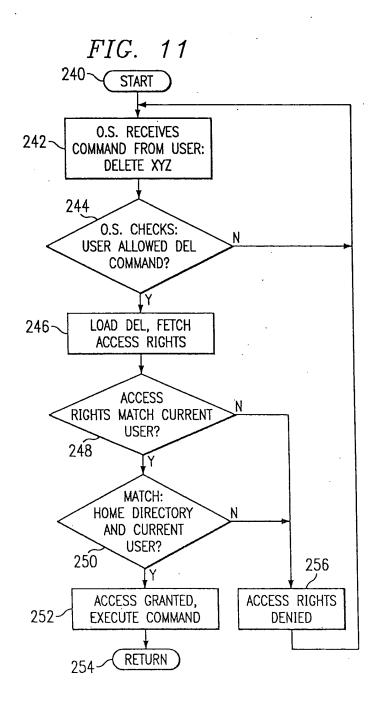
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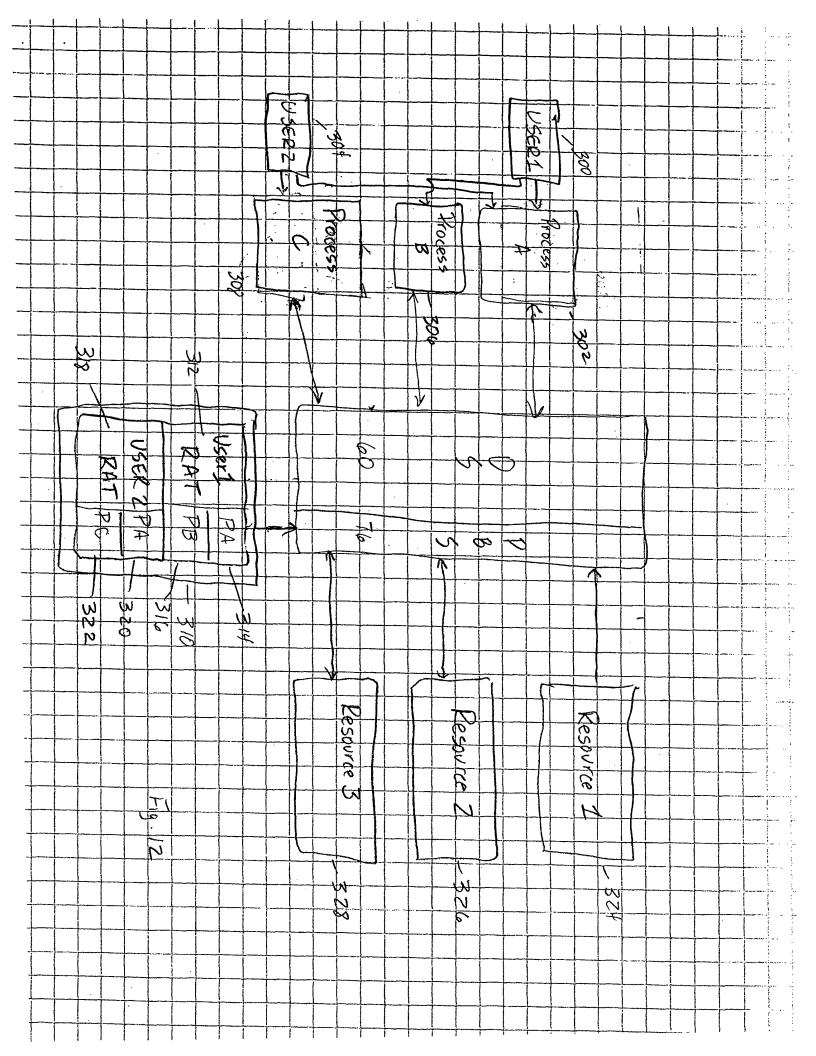


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		Figure 14		
	Set Password		Authentication	
369	Enter Username			
348	Enter Old Passuprd			
			Authentication 366	
			Process	
			Confirm authentication	369
370	Enter New Roseword			
	Hossword			
		———	Store Password	372
			in association with username	

		Fig. 15	
		Key Exchange	
		Client Server	
	374	Request Key Exchange	
	375	Send Username	
	317	Enter Password (DW) Modify Task Structure 376	
		Generate RN1 37	7
		Send RNI 38C)
		Retrieve Password (PW)	3 78 2
	382	Calculate hash associated with username	
		H(FW RN1) calculate hash 384	
		calculate hash 384 HCPW, RNZ)	
	386		
	700	Key = H(PWRN1) Key 1 = H(PW, RN1) 3	38
		Generate RN2 39	0
		Send RNZ 39	2
		Calculate hash 396	
	391	raculate hash H(PW, RNZ) H(PW, RNZ)	
		H(NW) RNZ) Wey Z = H(PW RNZ) 392	0
	400	Key Z= H(PW RN2)	2
		Modify Task Structure 40	2
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